

GROUND-WATER LEVELS

WAKE COUNTY

354356078403501. County number, WK-277; DENR Lake Wheeler Research Station MW-1S (Regolith well).  
 LOCATION.--Lat 35°43'55.6", long 78°40'34.6", North American Datum of 1983, Hydrologic Unit 03020201, .6 mi south of Tryon Road, .2 mi east of Lake Wheeler Road on NCSU Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.  
 AQUIFER.--Regolith (saprolitic quartz diorite).  
 WELL CHARACTERISTICS.--Drilled observation well, depth 20 ft, diameter 4 in., cased to 5 ft, screened interval from 5 ft to 20 ft, sand filter packed from 5 ft to 20 ft.  
 INSTRUMENTATION.--Measured periodically with electric tape. (by DENR and USGS)  
 DATUM.--Land-surface datum is 330 ft above sea level. Measuring point: Top of instrument shelter floor, 2.10 ft above land-surface datum.  
 REMARKS.--Well is part of Piedmont/Mountains groundwater project.  
 PERIOD OF RECORD.--July 2001 to September 2001.  
 EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.15 ft below land-surface datum, Aug. 1, 2001; lowest water level recorded 2.46 ft below land-surface datum, Sept. 13, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR JULY 2001 TO SEPTEMBER 2001

DATE	WATER LEVEL								
JUL 03	2.41	AUG 01	2.15	AUG 15	2.20	AUG 27	2.32	SEP 13	2.46

